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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/726,966	11/29/2000	Sangeetha Narasimhan	10003088-1	1711

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HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
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EXAMINER

PARK, CHAN S

ART UNIT PAPER NUMBER

2622

DATE MAILED: 03/18/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

**Application No.**

09/726,966

**Applicant(s)**

NARASIMHAN, SANGEETHA

**Examiner**

CHAN S PARK

**Art Unit**

2622

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 14 September 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-6 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-6 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 6/21/04.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

## **DETAILED ACTION**

### ***Information Disclosure Statement***

1. An initialed and dated copy of Applicant's IDS form 1449, filed on 6/21/04, is attached to the instant Office action.

### ***Response to Amendment***

2. Applicant's amendment was received on 9/14/04, and has been entered and made of record. Currently, **claims 1-6** are pending.

### ***Response to Arguments***

3. Applicant's arguments, see pages 4-6, filed 9/14/04, with respect to the rejections of claims 1-6 under 35 U.S.C. § 102(e) and 35 U.S.C. § 103(a) have been fully considered and are persuasive. Therefore, the rejections have been withdrawn. However, upon further consideration, a new ground of rejection is made in view of Noyes et al. U.S. Patent No. 6,364,452 (hereinafter Noyes).

***Claim Rejections - 35 USC § 112***

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

4. Claim 6 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 6 recites the limitation "pre-selected toner density setting". There is insufficient antecedent basis for this limitation in the claim. For the examining purpose, the Examiner construes the term as "pre-selected print media source".

***Claim Rejections - 35 USC § 102 or 103***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-6 are rejected under 35 U.S.C. 102(e) as anticipated by or, in the alternative, under 35 U.S.C. 103(a) as obvious over Noyes.

5. With respect to claim 1, Noyes teaches a method for selecting a print job parameter including the steps of:

ascertaining a pre-selected toner density setting (different modes in col. 13, lines 9-11); and

selecting a print media source (type of paper) based upon the pre-selected toner density setting (col. 13, lines 30-36; col. 31, lines 27-31; col. 57, lines 22-25; and fig. 44).

Although Noyes teaches the method of selecting the toner density setting and the print media source based on the chart shown in fig. 44, it does not explicitly teach whether the toner density is selected before the selection of the print media source. However, since Noyes teaches that the use of a glossy print media in draft mode is not permitted (col. 57, lines 22-25 and fig. 44), it would have been inherent/obvious to one of ordinary skill in the art to select and use, according to the printing scheme in fig. 44, the plain paper when draft mode is selected.

6. With respect to claim 2, Noyes teaches the method of claim 1, wherein the step of selecting print media source based upon the pre-selected toner density setting further comprises selecting a draft media source (plain paper) based upon an identification of a draft toner density setting (draft mode in col. 57, lines 22-25 and fig. 44).

7. With respect to claim 3, Noyes teaches the method of claim 1, wherein the step of selecting print media source based upon the pre-selected toner density setting further

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comprises selecting a standard media source (either plain paper or glossy) based upon an identification of a standard toner density setting (standard mode in col. 57, lines 22-25 and fig. 44). When standard mode is set, it would have been inherent/obvious to one of ordinary skill in the art to recognize that plain paper and glossy are available for the selection. Thus, based upon the pre-selected toner density setting, the plain paper type can be selected.

8. With respect to claim 4, Noyes teaches a method for selecting a print job parameter including the steps of:

ascertaining a pre-selected print media source setting (type of paper in col. 25, line 66 – col. 26, line 1); and

selecting a toner density setting (print mode) based upon the pre-selected print media source setting (col. 13, lines 30-36; col. 31, lines 27-31; col. 57, lines 22-25; and fig. 44).

Again, although Noyes teaches the method of selecting the print media source setting and the toner density setting based on the chart shown in fig. 44, it does not explicitly teach whether the print media source is selected before the selection of the toner density. However, since Noyes teaches that the use of a glossy media source in draft mode is not permitted (col. 57, lines 22-25 and fig. 44), it would have been inherent/obvious to one of ordinary skill in the art to select and apply, according to the printing scheme in fig. 44, either a standard or high print mode when a glossy print media source is selected.

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9. With respect to claim 5, Noyes teaches the method of claim 4 wherein the step of selecting toner density setting based upon the pre-selected print media source setting further comprises selecting a draft toner density setting based upon an identification of a draft print media setting (col. 57, lines 22-25 and fig. 44). When a plain paper is selected for the printing process, it would have been inherent/obvious to one of ordinary skill in the art to recognize that either draft or standard mode can be selected. Thus, based upon the pre-selected print media source, draft mode can be selected (col. 30, lines 25-29).

10. With respect to claim 6, Noyes teaches the method of claim 4, wherein the step of selecting a print media source based upon the pre-selected print media source setting further comprises selecting a toner density setting based upon an identification of a standard toner density setting monitor (col. 57, lines 22-25 and figs. 8 & 44).

**Conclusion**


11. Any inquiry concerning this communication or earlier communications from the examiner should be directed to CHAN S PARK whose telephone number is (703) 305-2448. The examiner can normally be reached on M-F 8am-4:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Coles can be reached on (703) 305-4712. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Chan S. Park  
Examiner  
Art Unit 2622

csp  
March 9, 2005

  
EDWARD COLES  
SUPERVISOR  
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